

Ag6100-HP

Single port high power 60W PSE Module



- **High power 60W POE injector module**
- **Also IEEE802.3af & at compatible**
- **Small Footprint**
SIL - 53mm(L)x 7mm(W)x 14mm(H)
- **Signature & Class recognition**
- **Over Current & Short Circuit Protection**
- **Very Low Power Dissipation**
- **Industrial Temperature Option**
- **Compatible with AG5500 module**
- **Simple integration**

Silvertel's Ag6100-HP is a high efficiency module (>98%), designed to inject up to 60W of power onto a conventional twisted pair Category 5 Ethernet cable, while still providing full compatibility with IEEE 802.3af and 802.3at Power-over-Ethernet (PoE) devices.

This Power Sourcing Equipment (PSE) module is designed to implement end-to-end high power POE functionality into a finished product or system, when used in conjunction with Silvertel's Ag5500 Powered Device (PD) modules in the end user device. Ag6100-HP injects PoE

power onto a CAT5 Ethernet cable, to supply connected PoE devices.

Ag6100-HP has a single high power 60W output, compatible with Silvertel's Ag5500 60W PD module in addition to IEEE 802.3af & 802.3at devices. The module reads the signature and class of any compatible device and then supplies the correct power. It can be used in a Mid-span or End-Span device.

Ag6100-HP is a complete, easy to implement solution to add the PoE power sourcing function to products. This module is ideal for Small Cell 3G/LTE, Mid-Span, Digital Video Recorder (DVR) and IP PABX manufacturers. The PoE power provided can be used to supply various types of connected Ethernet equipment, such as femto or pico cells, VoIP phones, IP cameras and Door Access controllers.

